

Appl. No. 10/713,043  
Amdt. dated 19 September 2007  
Reply to Office action of March 23, 2007  
Atty. Docket No. AP818US/CIP

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**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Original) A method of producing a radiation dosimetry report containing radiation doses, each corresponding to a respective one of a plurality of radiation sensors positioned in, on or adjacent a body or a body part during irradiation thereof, the method comprising the steps of:-
  - (i) providing a representation comprising an image of at least a portion of the body or body part that has been irradiated and arranging a plurality of graphics artefacts on or adjacent the representation, each artefact comprising an identifier and representing a radiation sensor positioned in, on or adjacent the body or part thereof during irradiation, the position of each artefact relative to the representation corresponding to the position of a corresponding sensor relative to the body during irradiation; and
  - (ii) listing radiation doses associated with the plurality of identifiers, respectively.
2. (Original) A method of producing a radiation dosimetry report according to claim 1, wherein the listing of radiation doses comprises the step of listing a target dose for each sensor, each target dose associated with the corresponding identifier.
3. (Currently amended) A method of producing a radiation dosimetry report according to claim 1, wherein the listing of radiation doses comprises the step of listing a measured dose for each sensor, each target measured dose associated with the corresponding identifier.
4. (Original) A method of producing a radiation dosimetry report according to claim 1, wherein the listing of radiation doses comprises listing a target dose and a measured dose for each sensor, the target dose and measured dose associated with the corresponding identifier.
5. (Original) A method of producing a radiation dosimetry report according to claim 1, wherein the listing of radiation doses comprises the step of listing a value of the deviation of a measured radiation dose from a target dose for each sensor, the deviation value being associated with the

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corresponding identifier.

6. (Original) A method of producing a radiation dosimetry report according to claim 1, wherein the listing of the radiation doses is in a table that is displayed adjacent the graphical image.

7. (Original) A method of producing a radiation dosimetry report according to claim 1, further comprising the step of displaying the graphical image as a computer-generated image on a display device.

8. (Original) A method of producing a radiation dosimetry report according to claim 1, further comprising the step of providing the dosimetry report as a printed report.

9. (Original) A method of producing a radiation dosimetry report according to claim 1, wherein the graphics artefact comprises an icon portion representing the sensor, said icon portion being separate from the identifier.

10. (Original) A method of producing a radiation dosimetry report according to claim 9, wherein the identifier is connected to the icon by a lead line.

11. (Original) A method of producing a radiation dosimetry report according to claim 1, wherein the representation is a photo of a patient's body.

12. (Original) A method of producing a radiation dosimetry report according to claim 11, wherein the photo of the patient's body is taken immediately prior to, during, or after treatment with the sensors attached.

13. (Original) A radiation dosimetry report produced comprising:

(i) a representation comprising an image of at least a portion of a body or part of a body that has been irradiated and a plurality of graphics artefacts, each comprising an identifier and representing a radiation sensor positioned in, on or adjacent the body or part thereof during irradiation, the position of each artefact relative to the representation corresponding to the

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position of the corresponding sensor relative to the body, and

(ii) a listing of radiation doses associated with the plurality of identifiers respectively.

14. (Currently amended) A radiation dosimetry report according to claim 13, wherein the radiation doses comprise a target dose for each sensor, each target ~~[[does]]~~ dose associated with the corresponding identifier.

15. (Original) A radiation dosimetry report according to claim ~~[[14]]~~ 1, wherein the radiation doses comprise a measured dose for each sensor, each ~~target~~ measured dose associated with the corresponding identifier.

16. (Original) A radiation dosimetry report according to claim 13, wherein the listing of radiation doses comprises, for each identifier, a target dose and a measured dose, the target dose and measured dose associated with the corresponding identifier.

17. (Original) A radiation dosimetry report according to claim 13, wherein the listing of radiation doses comprises, for each sensor, a value of the deviation of a measured radiation dose from a target dose for that sensor, the deviation value being associated with the corresponding identifier.

18. (Original) A radiation dosimetry report according to claim 13, wherein the listing of radiation doses comprises a table displayed adjacent the image of the body.

19. (Original) A radiation dosimetry report according to claim 13, wherein the representation is computer-generated for display on a display device.

20. (Original) A radiation dosimetry report according to claim 13, wherein the dosimetry report is a printed report.

21. (Original) A radiation dosimetry report according to claim 13, wherein the graphics artefact comprises an icon portion representing the sensor, the icon portion being separate from

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the identifier.

22. (Original) A radiation dosimetry report according to claim 21, wherein the identifier is connected to the icon portion by a lead line.

23. (Original) A radiation dosimetry report according to claim 13, wherein the representation is a photo of a patient's body.

24. (Original) A radiation dosimetry report according to claim 23, wherein the photo of the patient's body is taken immediately prior to, during, or after treatment with the sensors attached.

25. (Original) A radiation dosimetry report comprising:  
a photograph of at least a portion of a body or part of a body irradiated and showing a plurality of radiation sensors positioned in, on, or adjacent the body or part thereof, together with related dosimetry data.

26. (Original) A radiation dosimetry report according to claim 25, wherein the dosimetry data is displayed as a list of radiation doses associated with the sensors.